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In the Claims:

1. (Currently amended) Insulation arrangement for ~~[[pipes]]~~
a pipe, especially for ~~[[pipes]]~~ a pipe of a pneumatic
system in a passenger transport aircraft, which essentially
comprises at least one insulation material layer (6), an
outer sheath consisting of titanium foil (31), and first
and second termination profiles, wherein the outer sheath
(3) has at least one longitudinal seam (13) and a first end
section (32) and a second end section (33), and said outer
sheath is connected at said first and second end sections
respectively with said first and second termination
profiles, whereby said outer sheath and said termination
profiles connected thereto form a shell (9) into which the
insulation material layer (6) is insertable, and which
shell is mountable on the pipe by passing said longitudinal
seam over the pipe, and wherein said shell includes said
outer sheath connected with said termination profiles
before said insulation material layer is inserted in said
shell and said shell is mounted on the pipe.

2. (Previously presented) Insulation arrangement according to
claim 1, characterized in that each said termination
profile (7) is embodied as a Z-profile, including an upper
web (71) connected with the titanium foil (31), and a
middle web (72) as well as a lower web (73) that form a
receiver receiving the insulation layer (6).

Claims 3 to 10 (Canceled).

1 11. (Previously presented) Insulation arrangement according to
2 claim 1, characterized in that the shell (9) is embodied as
3 a full shell, which is opened at the longitudinal seam (13)
4 and slipped over the pipe (2), and is closed by means of
5 joint webs (14, 14') provided on the longitudinal
6 seam (13).

1 12. (Previously presented) Insulation arrangement according to
2 claim 11, characterized in that a connection on the
3 longitudinal seam (13) between the joint webs (14, 14') is
4 produced by adhesive bonding or welding.

1 13. (Previously presented) Insulation arrangement according to
2 claim 1, characterized in that the shell (9) is embodied as
3 two half shells, which comprise two longitudinal seams, the
4 two half shells are positioned on the pipe (2), and the
5 insulation is closed by means of joint webs (14, 14')
6 provided on the longitudinal seams.

1 14. (Previously presented) Insulation arrangement according to
2 claim 13, characterized in that a connection on the
3 longitudinal seam (13) between the joint webs (14, 14') is
4 produced by adhesive bonding or welding.

1 15. (Previously presented) Insulation arrangement according to
2 claim 1, characterized in that a securing web (15) to
3 produce a form-locking secured connection is provided on
4 the longitudinal seam.

1 16. (Previously presented) Insulation arrangement according to
2 claim 1, characterized in that the titanium foil (31)
3 comprises a profiled or patterned configuration (4).

1 17. (Currently amended) ~~Insulation arrangement according to~~
2 ~~claim 1, characterized in that~~ Insulation arrangement for
3 a pipe, especially for a pipe of a pneumatic system in a
4 passenger transport aircraft, which essentially comprises
5 at least one insulation layer (6), an outer sheath
6 consisting of titanium foil (31), and first and second
7 termination profiles, wherein the outer sheath (3) has at
8 least one longitudinal seam (13) and a first end section
9 (32) and a second end section (33), and said outer sheath
10 is connected at said first and second end sections
11 respectively with said first and second termination
12 profiles, whereby said outer sheath and said termination
13 profiles connected thereto form a shell (9) into which the
14 insulation layer (6) is insertable, wherein the outer
15 sheath (3) comprises outlet holes (5), warning wires (11)
16 are arranged above the outlet holes (5), and an
17 anti-rotation securement (8) is provided, which prevents a
18 position change between the pipe (2) and the shell (9).

1 18. (Previously presented) Insulation arrangement according to
2 claim 17, characterized in that the anti-rotation
3 securement (8) is a partial adhesive connection, as a
4 fillet joint seam (81) of a temperature resistant adhesive
5 or a paste between the termination profile (7) and the
6 pipe (2).

1 19. (Previously presented) Insulation arrangement according to
2 claim 1, characterized in that stiffening elements (12) are
3 at least partially applied onto the inner side of the
4 titanium foil (31).

1 20. (Currently amended) An insulation arrangement for thermally
2 insulating a pipe, said insulation arrangement comprising:
3 a shell that comprises:

4 a cylindrical outer sheath comprising a titanium
5 foil, and having a longitudinal seam extending
6 therealong in a longitudinal direction, and a
7 first end section and a second end section at
8 opposite first and second ends of said outer
9 sheath in said longitudinal direction;

10 a metal first termination profile positioned ~~at said~~
11 ~~first end within~~ and connected to said first end
12 section of said outer sheath and extending
13 radially inwardly from said outer ~~sheath at said~~
14 ~~first end; sheath; and~~

15 a metal second termination profile positioned ~~at said~~
16 ~~second end within~~ and connected to said second

17 end section of said outer sheath and extending
18 radially inwardly from said outer ~~sheath at said~~
19 ~~second end; sheath;~~

20 wherein said first and second termination profiles
21 each respectively have a circular ring disk shape
22 with a limited longitudinal extent in said
23 longitudinal direction respectively within said
24 first and second end sections, and said first and
25 second termination profiles are spaced apart from
26 one another in said longitudinal direction;

27 and

28 at least one layer of thermal insulation ~~[[wool]]~~ material
29 inserted into said ~~outer sheath shell~~ through said
30 longitudinal seam of said outer sheath to form a
31 cylindrical insulation ~~[[wool]]~~ material jacket
32 adapted to surround the pipe, wherein said cylindrical
33 insulation ~~[[wool]]~~ material jacket is received and
34 held by said termination profiles in a cylindrical
35 shell space bounded longitudinally between said
36 termination profiles and bounded radially inside said
37 outer sheath.

1 21. (Currently amended) The insulation arrangement according to
2 claim 20, wherein each said termination profile includes
3 ~~[[an]]~~ a cylindrical outer web extending along and
4 connected to said outer sheath at a respective one of said
5 end sections, a disk-shaped middle web extending radially
6 inwardly from said outer web along a radial plane

7 transverse to said longitudinal direction, and ~~[[an]]~~
8 a cylindrical inner web extending in said longitudinal
9 direction from a radially inner end of said middle web,
10 whereby said cylindrical shell space is defined radially
11 between said inner web and said outer sheath, and said
12 inner web serves to hold said cylindrical insulation
13 ~~[[wool]]~~ material jacket in said cylindrical shell space.

1 22. (Previously presented) The insulation arrangement according
2 to claim 20, wherein said termination profiles are
3 connected to said outer sheath by respective weld joints.

1 23. (Previously presented) The insulation arrangement according
2 to claim 20, wherein said termination profiles are not
3 connected to the pipe.

1 24. (Previously presented) The insulation arrangement according
2 to claim 20, further comprising an adhesive joint
3 connecting said termination profiles to the pipe.

1 25. (Currently amended) The insulation arrangement according to
2 claim 20, wherein said thermal insulation ~~[[wool]]~~ material
3 is fiberglass wool.

1 26. (New) A method of using the insulation arrangement
2 according to claim 20 for thermally insulating a pipe, said
3 method comprising the steps:

- 4 a) providing said shell including said outer sheath and
5 said termination profiles connected thereto;
6 b) with said longitudinal seam open, inserting said at
7 least one layer of thermal insulation material through
8 said longitudinal seam into said cylindrical shell
9 space;
10 c) with said longitudinal seam open, mounting said shell
11 onto said pipe by passing said pipe through said
12 longitudinal seam; and
13 d) after said step c), closing said longitudinal seam.

1 27. (New) The insulation arrangement according to claim 1,
2 wherein said termination profiles each have a circular ring
3 disk shape and are limited longitudinally within said end
4 sections respectively.

[RESPONSE CONTINUES ON NEXT PAGE]

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